Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 24 May 2023 until 23:59 on Thursday 25 May 2023

Forecast Issued on Wednesday 24 May 2023 at 02:15

Confidence: High confidence for the fine, dry and settled conditions through the remainder of this week and lasting into the weekend. Lower confidence for any cloud details.

Headline for Wednesday 24 May 2023: Some early cloud giving way to sunshine. Staying dry.

Mountain weather hazards on Wednesday 24 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny	Sunny	Sunny	Sunny	Partly cloudy (night)
Precipitation probability					
<05%	<05%	00%	00%	00%	00%

Forecast for Wednesday 24 May 2023

Weather: Some patchy cloud thickening during the early hours will give a cloudy start in parts of the west of the range. Any cloud lifting and breaking through the morning however to give a fine afternoon with some strong sunshine. Staying dry throughout but a northerly breeze on the summits giving a cooler feel.

Chance of cloud-free hill tops above 600m: 60% becoming 95% into the afternoon.

Low cloud and visibility: Patchy cloud tending to thicken in the west through the early hours, with bases generally above 600-700m, giving some poor visibility in cloud across the higher tops in places. Cloud lifting and breaking above the summits through the morning however to give very good visibility to all levels by the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 24 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/17 W	16/21 NW	13/18 NW	12/16 NW	11/15 NW	7/10 W	4/6 N
300	11/14 NW	13/18 NW	12/17 NW	11/16 NW	10/15 NW	7/11 W	4/6 SW
Valley	9/16 NW	11/19 NW	10/17 NW	9/16 NW	9/16 NW	4/9 W	3/4 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	9/5	11/9	12/10	12/10	10/8	10/9
300	10/7	11/9	13/11	15/12	14/12	12/11	10/10
Valley	11/9	13/11	15/13	16/14	15/14	12/11	11/10
Freezing Level*	1700m	1600m	1600m	1700m	2700m	3000m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the "Feel Like" temperatures above, as temperatures will still feel chilly on the tops in the wind even into the afternoon. Adequate layers advised despite the afternoon sunshine. High afternoon UV levels also mean adequate sun protection is a must, particularly given the cloudier start.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 24 May 2023	0mm	0mm	0mm

Forecast for Thursday 25 May 2023

Weather: Probably a cloudier day but staying fine and largely dry with some bright or sunny spells. Chance of a few isolated light showers by late-afternoon and evening.

Maximum wind: Northerly to north-easterly 10 mph gusting 15-20 mph.

Chance of cloud-free hill tops above 600m: 60% becoming 95% into the afternoon.

Low cloud and visibility: Once again patchy cloud tending to thicken overnight, with bases generally 500-700m, giving some poor visibility in cloud across the higher tops. Cloud lifting above the summits through the morning to give very good visibility to all levels by the afternoon. Becoming moderate in any showers late in the day.

Temperature: **Valleys:** Plus 9 Celsius, rising to Plus 14 Celsius.
At 600m: Plus 10 Celsius, rising to Plus 15 Celsius.
Freezing level: Above summits.

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